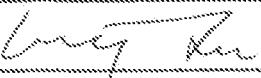
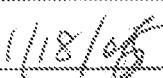


**EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.*

INFORMATION Disclosure Citation (Use several sheets if necessary)				ATTY DOCKET NO. UCT-6848	APPLICATION NO. 10/755,855		
				Gell, et al.			
				FILING January 12, 2004	GROUP ART 1762		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
6X		5,421,895	6/6/1998	Tsubouchi, et al.	318	725	12/23/1991
		5,810,516	5/28/1998	Taylor, et al.	416	241	9/16/1994
		5,699,923	3/11/1997	Gitzhafer, et al.	437	446	8/26/1994
		5,628,524	4/16/1997	Fan, et al.	318	725	2/27/1995
		5,743,813	4/28/1998	Taylor, et al.	29	889.7	2/3/1996
U.S. PATENT APPLICATION PUBLICATIONS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
6X		Delbos, et al. "Plasma Spray Elaboration of Finely Structured YSZ Thin Coating by Liquid Suspension Injection". Thermal Spray 2003: Advancing the Science & Applying the Technology, (Ed.) C. Marcus and S. Marple, Published by ASM International, Materials Park, Ohio, USA, 2003, pp 861-869					
6X		Devi, et al. "Comparisons of citrate-nitrate gel combustion and precursor plasma spray processes for the synthesis of yttrium aluminum garnet". J. Mater. Res., Vol. 17, No. 11, Nov. 2002, pp 2846-2851					
EXAMINER <i>LW/R</i>			DATE CONSIDERED <i>4/18/06</i>				
EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

INFORMATION DISCLOSURE CITATION <small>(Use several sheets if necessary)</small> 				ATTY DOCKET NO. UCT-6848	APPLICATION NO. 10/755,856		
				Cell, et al. FILING January 12, 2004	GROUP ART 1763		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
X	5,744,777	4/28/1998	Bernardi, et al.	219	121.47	6/31/1998	
	5,858,472	1/12/1999	Bernardi, et al.	427	453	8/1/1997	
	5,876,683	3/2/1999	Grimas, et al.	433	325	11/2/1998	
	6,025,034	2/19/2000	Strutt, et al.	427	450	3/5/1998	
✓	6,132,653	10/17/2000	Hunt, et al.	264	5	8/16/1999	
U.S. PATENT APPLICATION PUBLICATIONS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
X	Daval, et al. "Single-step deposition of Eu-doped Y ₂ O ₃ phosphor coatings through a precursor plasma spraying technique". J. Mater. Res., Vol 17, No. 11, Nov. 2002, pp. 2771-2776						
X	Kartlikeyan, et al. "Preparation of Nanophase Materials by Thermal Spray Processing of Liquid Precursors". Nanostructured Materials, Vol. 9, pp. 137-140. 1997						
EXAMINER 			DATE CONSIDERED 				
<small>*EXAMINER: Initial if reference considered. Whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

INFORMATION DISCLOSURE CITATION <small>(use several sheets if necessary)</small>			ATTY DOCKET NO. UCT-6040		APPLICATION NO. 10/755,836	
			Gell, et al. FILING January 12, 2004		GROUP ART 1762	
U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
X	6,198,594	2/27/2001	Horie, et al.	392	394	11/19/1997
✓	6,277,688	8/21/2001	Strub, et al.	427	453	6/30/1999
✓	6,432,487	8/13/2002	Graham, et al.	427	454	12/28/2000
✓	6,447,848	8/21/2002	Chow, et al.	427	446	6/30/1998
U.S. PATENT APPLICATION PUBLICATIONS						
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
X	Karthikeyan, et al. "nanomaterial Deposits Formed by DC Plasma Spraying of Liquid Feedstocks". J. Am. Ceram. Soc., 81 (1) 121-128 (1998)					
6						
6	Karthikeyan, et al. "Nanomaterial Powders and Deposits Prepared by Flame Spray Processing of Liquid Precursors". NanoStructured Materials, Vol. 8, No. 1, pp. 61-74, 1997					
EXAMINER <i>Liz R.</i>			DATE CONSIDERED 1/18/06			
<small>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>						

INFORMATION FOR ENCLOSURE CITATION <i>(Use several sheets if necessary)</i>			ATTY DOCKET NO. UCT-8840	APPLICATION NO. 10/755,856	
			Gell, et al.		
			FILING January 12, 2004	GROUP ART 1284 / 775	
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
					FRING DATE IF APPROPRIATE
U.S. PATENT APPLICATION PUBLICATIONS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
					FRING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS
					TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
4	Mia, et al. "Intermediate Temperature SOFC Based on Fully Integrated Plasma Sprayed Components", 6 pages				(2003)
6	Mia, et al. "Study of Unique Microstructure in SPS Ceramic NanoCoatings", 6 pages				(2003)
EXAMINER <i>Larry K.</i>		DATE CONSIDERED <i>4/18/06</i>			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant					

<p style="text-align: center;"> O I P E INFORMATION DISCLOSURE CITATION <small>(Use several lines if necessary)</small> ARI 13 2004 </p>		Docket Number (Dashed) DCT-9849	Applicability Number 10/755,856
		Applicant(s) Gell, et al.	Filing Date January 13, 2004
			Group Art Unit 1362 1775
EXAMINER SUTAL	SEARCHED DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
X	Paslursk, et al. "Towards Durable Thermal Barrier Coatings with Novel Microstructures Deposited by Solutio-Precursor Plasma Spray". Acta mater. 49 (2001) 2251-2257		
	Su, et al. "In Situ Characterization of Small-Particle Plasma Sprayed Powders". Journal of Thermal Spray Technology Vol. 11 (1) March 2002 pp 62-63		
	Parulkurtyamma, et al. "Vitrium Aluminum Garnet (VAG) Films through a Precursor Plasma Spraying Technique". J. Am. Ceram. Soc., 84 (8) 1996-1998 (2001)		
	Tikkainen, et al. "Characteristics of the liquid flame spray process". Surface and Coatings Technology 96 (1997) 213-216		
	Seelichting, "Failure Modes in Plasma-Sprayed Thermal Barrier Coatings" University of Connecticut, (2006) 186 pages		
EXAMINER <i>Larry R.</i>	DATE CONSIDERED <i>1/18/06</i>		
<small>*EXAMINER: Initial if citation considered; whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>			